

✓  
K  
1  
Hanover, New Hampshire  
Aug. 6, 1906.

My dear Mr. Davenport:-

Your kind letter about the crested *Picksonia* at Rand. If, as you suggest, you are able to supply any of the desiderata mentioned in my letter kindly send same here, as this will be my address in the future. Miss Darling, who discovered the *N. Felix*-mes in H. gave me a specimen to send you, as the one she sent you last fall was a poor found. She did this as she knew I was about to send some specimens to you for identification. Can you help me out regarding

the forms of the Christmas fern known as *nicotian* and  
*crispum*. I have some specimens which I found which  
one indeed has the appearance of *crispum*. Is the  
*crispum* indeed also? I send some fronds for identi-  
fication which kindly return. I also enclose a forked  
form of the same fern which you may keep. I found  
three plants bearing such fronds. Some were three  
forked and again re-forked. Then all the pinnae are peculiar-  
ly veined. Is it only a freak or has this form a name.  
I send also two fronds of a fern which has been growing  
on the farm of Mr. Ruggles of Hestland for 20 years. At first  
all the fronds were sterile, but for the past ten years or  
more there have been fertile fronds. The pinnae seem  
much like those of *O. regalis*, in other respects it

resembles *O. claytoni*. I can find no variety of it  
which answers the description of the enclosed fronds.

Today when names are given to ferns with such slight  
variations, it seems as if this form was worthy of one. What  
do you call it? Where can I find descriptions of *N. c. Roseana*  
& *N. Pittsfordense*. I enclose another frond. Is it *N. c. x*  
marginal? Hoping I am not troubling you too much  
I remain,

Very truly yours,

Harold Goldsard Rugg.

K ✓ 1  
Hanover, N. H.

Aug. 14 - 1900.

My dear Mr. Ravenfont: -

After sending you the peculiar  
looked found of the Christmas fern, I sent a specimen  
to Mr. Gilbert when I was sending him some other  
ferns. He thinks it a remarkable find and intends  
to describe the variety soon.

Truly yours  
Harold Goddard Rugg.

K

1  
Hanover, N.H.

Aug. 15-86.

My dear Mr. Ravenfoot;—

I guess the fault is wholly mine regarding the peculiar form of Christmas fern I sent you and Mr. Gilbert. As I am a novice in fern affairs I did not think it anything rare or uncommon when submitting specimens to you & Mr. Gilbert. In fact I don't believe I told Mr. Gilbert that I had sent you specimens.

I was sending him some forms of lady fern for identification & thought he might like a form of the

break Christmas fern. I did not, however, send  
him a specimen of the peculiar royal interrupted fern.  
Thanking you in advance, I remain,

Truly yours,

Harold Goddard Rugg.

K

Hartland Vt.

Oct. 10th 1886.

J. E. Davenport, Dear Sir -

I send  
you today by mail specimens of furs  
for names. I have long had an anxiety  
to know the names of the common furs  
abstracted at the office of Vt. furs. The  
Spec. sent were gathered mostly in July & Aug.

It is quite probable in several cases the  
same specim is put in twice or even more  
under different numbers. I have exact  
duplicates of these sent numbered the  
same so you can report by numbers &  
I shall have the all right. I enclose list  
of L & F W Shells found here. Yours Truly  
Byron B. Ruggles

Localities so far as remembered or noticed

- 1 pasture & meadows common
- 2 Rocks shaded places
- 3 very com. most anywhere
- 4 high rocky cliffs met
- 5
- 6 along small brook in meadow
- 7 rocky cliff possibly like 31
- 8 } pasture possibly alike
- 9 }
- 10 pasture not very com.
- 11 { woods
- 12
- 13
- 14 dry woods near rocks &c
- 15 fields
- 16
- 17 bare pasture near woods moist land
- 18 pasture com.
- 19
- 20 woods
- 21 pasture & open woods 3 ft high & 3 ft  
moor
- 22 } pasture
- 23 }
- 24 sometimes 4 ft high not very com.
- 25 woods
- 26 moist place in woods on high hill called  
find no fertile ground visited the loc  
Twice July & in Aug 3 or 4 ft high
- 27 fields pasture woods common
- 28 woods on Ascutney Mountain even to top  
over 3000 ft high very common there



- 29 moist land common
- 30 dry pasture common
- 31 along banks of brooks common not rare
- 32 shady places near water fence edges of woods
- 33 shady places hedgerows &c
- 34 common pasture
- 35 " " & elsewhere near water 2-6  
4 ft high
- 36 " "
- 37 open woods shady places common
- 38 high cliff near brook shady
- 39 low cliff on high land shady
- 40 moist woods
- 41 woods
- 42 dry pastures

Order 107 Filices.

- Polypodium*  
*vulgare*, L. Common on damp shaded cliffs & rocks
- Pellaea*  
*gracilis*, Hook Wet cliffs in several localities  
*atropurpurea*, L. Limestone cliffs. Not common
- Pteris*  
*aquilina* L. Common in open fields & open woods
- Adiantum* Maiden hair fern  
*pedatum* L. Common in damp woods
- Woodwardia*  
*virginica*, Sm. Pond in Colchester & other swamps
- Cheilanthes* Walking fern  
*rhizophyllus* Link Common on rocks
- Asplenium*  
*Taichomanes* L. Common in clefts of limestone rocks  
*obovatum* Ait. Less abundant than the last  
*viride* Huds. Mt. Mansfield Pringle  
*Ruta-muraria* L. Not common Limestone cliffs  
*angustifolium* Mx. Not common damp woods  
*thelypteroides* Mx. Woods  
*Filix femina* Bern. Our most abundant species
- Phlegopteris*  
*polypodioides* Fée. Common woods  
*hexagoptera* Fée. Not Common woods  
*Dryopteris* Fée. Common open woods
- Aspidium*  
*acrostichoides* Sw. dry woods Common  
*aculeatum* Sw. Var. *Braunii* Rock abundant  
on several of the higher mountains
- Thelypteris* Sw. very common in swampy fields  
*notholiracense* Sw. Common in mountain forests
- fragrans* Sw. Mt. Mansfield Pringle
- Spinulosum* Sw. Common  
*intermedium* Willd.  
" *dilatatum* Gray moist woods  
" *Boottii* Gray, woods  
*cristatum* Sw. Not rare

- Golelia* var. *Hock dampichana* is rose  
 marginale Sw. common  
*Struthiopteris*  
*Germanica* Willd. Damp places comm  
*Oncoclea*  
*sensibilis* L. comm.  
*Egtopteris*  
*bulbifera* Bern. Shaded ravines. Not com  
*fragilis* Bern. Rocky woods  
*Woodsia*  
*ilvensis* R.Br. on rocks common  
*hypnorea* R.Br. Mt. Mansfield single  
*glabella* R.Br. " "  
*obtusae* Torr. Rocky hillsides  
*Dicksonia*  
*punctilobula* Kun. Common in moist woods  
*Osmunda*  
*regalis* L. swamps  
*Claytoniana* L. common  
*cinamomea* L. Postures common  
*Botrychium*  
*simplex* Hitch Dry fields single  
*matricariaefolium* H. Br.  
*laucolatum* Aug.  
*obliquum* Muhl.  
*dissectum* Muhl.  
*Virginicum* Sw. Not very common  
*Ophioglossum*  
*vulgatum* L. meadows  
 Burlington Vt.

By G. H. Perkins, Prof. Nat. Hist. published in  
 State board of Agriculture Rep. - for 1881-1882.

1  
Hartland Vt.

Oct. 25 '86

Geo. E. Danversport

Dear Sir,

Yours received - I am highly  
pleased with the manner  
the firm and feel greatly  
obliged to you

Yours Truly

Wm. D. Keegan

G. E. Vanuport,

Dear Sir:-

I send you in this specimen  
of a fern I recently found  
there was very little of it and  
no fertile fronds that I could  
find. It differs from  
any others I have seen. It seems  
to me it may be new.

I wish you would tell me  
what it is - need not return  
the specimen

Yours Truly  
Byron P. Ruggles

Eastland 4 corners  
Winnebago Co. Vt.

Aug. 20th 1888.

Geo E. Davenport, Dear Sir:-

I sent you a specimen of fern last fall for identification but have not heard from you. I send you now in this another specimen that grew this season and some little woolly elaters that I find on the ground under the fronds which are the only resemblance to *Asplenium* that I can find - I hope to hear from you soon. I have sent specimens to other botanists that give it up I don't know but it is new

Yours Truly

Byron P. Ruggles  
Hartland 4 corners  
Windoor Co.

June 12th 1889. St.

I have but a very small amount of this fern

definitely  
Commence 4, 1889

Wentland Four Corners St. Nov. 11th 1895.

Mr. George E. Davenport, Dear Sir;

Your letter of the 5th inst. came in due time. It was some time ago that I sent you the ferns referred to. I think I got reply from you about identifications &c.. Asplenium Trichomanes is not rare here, I have found it in five or six places in town on rocky cliffs and near them and quite plenty in some of the places. I cannot tell now at which place I got the specimen sent, but have no doubt I can find it and send more of it. Aspidium thelypteris is not so common, never found it in but one place, the land there has since been cleared up and changed some. Whether I can find more of it and the simulacrum I am not sure. I am an invalid now and have been since mid summer cannot leave the house; if I get able, as have promised by the doctor I will look the ferns up another season and remember your wants.

Yours Truly,

Byron P. Ruggles.

Verona, N. J.

Apr. 23, 1880.

Dear Sir:-

Mr. J. K. Metcalfe  
of Silver City, N. M., has  
forwarded to me a  
letter from you, dated  
Mar. 22, asking him  
to collect ferns. I  
am at present un-  
dertaking to collect  
New Mexican plants,  
and shall make  
a specialty of the  
ferns, of which I  
shall collect 100  
sets. I shall be glad  
to receive any orders  
from you. I have  
sent my brother in  
advance, and he is



now with Mr. Metcalfe. I shall follow in July. My brother is not a botanist, but a great traveler, and an excellent collector, always making very perfect and complete specimens.

My means being exceedingly limited (I have been saving money for several years in order to make this trip) I shall not be able to do any exchanging, but will sell for moderate prices.

Respectfully Yours  
Henry H. Rusby.

Verona, N. J.

May 8, 1880.

Dear Sir, -

Your letter  
of the 25<sup>th</sup> ult.  
was duly rec'd.  
I thank you for  
your offer to pur-  
chase specimens,  
and your farther  
very kind offer  
to aid me in selling  
to others; also for  
the invitation  
to place my ferns  
in your hands for  
identification. I re-  
gret that I cannot  
accept of the latter,

for the reason that  
I wrote to Prof.  
Eaton just a few  
days before your  
first letter (to Mr.  
Metcalfe) was  
placed in my  
hands, requesting  
him to perform  
that service for  
me.

In regard to price  
of specimens, I  
cannot but say  
at present, as I  
know nothing of  
the difficulties  
and dangers that  
will attend my  
collecting, and con-  
sequently lessen the  
number of specimens  
that I can collect.  
I suppose it will be

10 cts. per specimen.  
I am going to take  
special pains to  
have my specimens  
beautiful if I have  
to make fewer of  
them, and shall  
save none without  
the roots. My sets  
will not be ready  
till fall, but  
I will send to  
you and your  
friends as fast  
as I collect if  
you desire it, and  
payments to be  
made when all  
are rec'd. — that  
to parties recom-  
mended by you.  
Hastily Yours,  
Henry H. Rusby.

I start the card of June 11th. My brother is  
there now, and will stay till the berries  
are ripe. He is a very good collector.  
He is a very good collector.

Verona, N. J.  
June 15, 1880.

Dear Sir:-

Your card of  
recent date is rec'd.  
I am grateful to  
you for the efforts  
you have made to  
acee my ferns.

In regard to send-  
ing you ferns previous  
to their determination,  
after my requesting  
Mr. Eaton to name  
them for me, and  
his accepting the in-  
vitation, I must say  
that I am pained  
by the request. It would  
be very dishonorable

in me. I regret  
that I cannot thus  
favor you, but it  
is too late, — Was  
too late when I  
first heard from  
you. I will send  
you the best of  
my specimens, and  
in liberal quantity,  
and in any other  
possible way will  
signify the genuine  
esteem and respect  
that I have for you  
and your history, but  
cannot wound my  
conscience.

If I am success-  
ful in this expedition,  
I will keep my brother  
travelling on other ex-  
cursions, and will  
then request your as-  
sistance.

Very truly Yours

H. H. Rusby

If course, nothing  
for me to do but  
go on, though it  
was to certain  
death, I shall not  
be able to make  
as great a success  
as I desired and  
expected, at the very  
best. If the devils  
will only let the  
shanty be I shall  
be contented, but  
they will probably  
burn it, and I  
shall be worse off  
than Washington, -  
I shall have no  
"Headquarters"!.

Sincerely Yours  
H. H. Rusby.

Verona, N. J.  
June 17, 1880.

Dear Sir:

I was to-  
day made happy  
by the receipt of  
your letter of yes-  
terday.

A year since I  
heard you so highly  
spoken of by my  
friend Guilford, of  
Red Bank, that  
I should have known  
better than to have  
so misconstrued  
your letter. But  
we youngsters are  
always doing some-  
thing rash, and your  
card was a little  
misleading. I am

now perfectly satisfied, and, like yourself, am glad that the affair has led to a better acquaintance between us.

I feel very sad over the unfortunate turn that my prospects have taken in this enterprise. My brother has been in Ch. M. collecting for some time <sup>now</sup>. In a small lot of 45 species that he sent on there <sup>now</sup> (I think) six either new or new forms. A very promising outlook! Yesterday I rec'd. a letter stating that he had been obliged to fly from the Indians. When he went there there

were over a hundred people in the valley at the base of the Mogollan Mts. Eight of them have been killed, and the rest have forsaken the place. My brother and the family that he was with staid weeks after all others were gone, but at last it became almost certain death, to stay another day, and they were forced to leave. It is not certain whether he will be able to secure the 2000 plants that he had collected. As I have corresponded so largely and made such a "spread" of my going, there is,

Salvage City of the

11

1880

Dear Mr. Bancroft,

It is with a heavy heart  
that I write to you. I have  
gathered up some of the  
things that I have seen of your  
work of my promise to  
send you some of the  
collected things. I could have  
sent you as if I could, but  
it has been impossible.  
I do not know if you  
have seen the plates  
on sent in relation to  
this, but if not you are  
probably well enough and  
familiar with those who  
have, to know something  
of the difficulties of the  
situation. I am sure  
as you have seen collected  
and such difficulties as  
I have will tell you pri-  
vately that when I left the  
case at the time you were  
only about 100 dollars, and  
trouble and a great deal  
of trouble, the rest of the  
if at all in the way of  
and above, and in fact, the  
was all that I  
more than that. I  
two months have been  
since then, and I have  
been, and in fact, I  
turned, the  
clothes, and such as  
you  
nothing but the  
I am not sure if you  
I collected all the  
and you are the





Silver City, N. Mex., Jan 30 - 1881.  
You probably have my letter by this  
time. Prof. Luten says that if there  
is not P. trinobolus, will send you  
more of that and some Myriophyllus  
nothing (need not return them) I am be-  
lieve information in regard to it. Trinobolus  
the Stout wrote me that he thought  
it was that species.

I wish you could find out  
from Mr. Luten's where he col-  
lects P. Grayi. He is at Clifton  
N. M. I am going there <sup>in a week</sup> every-  
thing is in bloom, <sup>in a week</sup> and would like to collect that <sup>species</sup>.  
Drop me a card when you are at S. C. 87 you can  
leave the locality. In H. 1, 12 each.



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER

Mr. Geo. E. Desperant  
& Hamilton Place  
Boston  
Mass.

is enabled to examine an acre or more of a growing plant has a better chance than one who examines only a few specimens. In view of this I must say that I think the distinctions between these species are thinly artificial. But, if I am wrong, I am in a fix! I was cautious enough to leave *P. Wrightiana* alone on the labels in my sets, thinking I could correct afterward by postal card. But in a contribution to the Syracuse Bot. Club, with which I am connected, I stated my belief that they were of the same species. This article they have probably published by this time.

Silvay City, N. Mex.  
Jan 21, 1887.

Dear Sir, -

I have enjoyed the reading and re-reading of yours of the 31<sup>st</sup>. net. I am more grateful than I can tell for all your good words, and kind offers of additional assistance.

What does a man do when he makes horrible blunders, and then publishes them before discovery? Tear his hair, or calmly

take a seat and philosophize on the conditions of success? I fear that something of the kind is in store for me. I have never seen a specimen of *Pellaea ternifolia*, nor, indeed, of any ferns except those of the A. E. states, so I was guided in naming it solely by Prof. Eaton in Vol. VI, Botany "Surely a person would judge from his remarks therein that *Pellaea ternifolia* and *P. Wrighti* name were not so distant as to leave room between them for a ternate variety of *P. Wrightiana* which should

yet be distinct from *P. ternifolia*. So when I found such a form growing in patches by itself, that is, not mixing indiscriminately with *P. Wrighti*, growing in shade, while the other grows in the brightest sunshine, and having a taller habit, what more natural than to call it, *P. ternifolia*? But the Prof. returns this form to Mr. Greene, labeled *P. Wrightiana*! How freely admitting my great ignorance of, and inexperience in, this crucial kind of botanical work, I yet feel that one who

They are of course old -  
times - but I think there  
is a late form of Kneller  
which develops a long  
slender point and slender  
teeth to the scales, making  
it look much like C.  
myriophylla, I can't  
tell till next season.

I had sent my sets  
before getting P. tenuifolia,  
so my brother may  
not <sup>have</sup> put in as good  
specimens for you  
as I would have  
liked. I will therefore  
send you some di-  
rect from here.

Shall go for Ch. nivea as soon  
as we get some spring rains.

Until I rec'd. your letter I  
did not know you were at  
work on a manual. Shall be  
glad to see it. I, too, am at work  
on a much needed book. I hope  
to make the teaching of Arithmetic  
much easier and more suc-  
cessful than it has been.  
The degree of darkness which ex-  
ists among young people (even  
in college) on the rationale of  
Arithmetic is just shocking.

Indiana very bad again. I  
tremble every morning before stepping  
out of the house. Shall be glad  
when it is all over with.

Sincerely Yours Henry H. Rusby.

In that article I gave  
a full account of all  
that I have learned  
of the habits of these  
ferns, and will see  
that you get a copy  
of it. Unless it is  
published soon I  
will rewrite it for  
you. I will add the  
following, *Chilanthum*  
*myriophyllum* has a  
short rootstock and  
tufted stalks when  
it grows in rocks, and  
so does *C. Fendleri*. But  
when the former grows  
in soil, as does *C. Fend-*  
*leri*, the rootstock, and  
habit of growth are  
scarcely distinguishable  
from those of the latter  
species. I should not  
be surprised if next  
season's study revealed  
some strange develop-  
ments in regard to  
the distinctions between  
these species.

Chipton, N. T. Apr. 24, 1897.

Dear Mr. Davenport:-

I am at-  
tending and part of, from  
you have been an-  
guished, and now  
I must answer briefly.  
I should have been glad  
to have relieved your  
illness, with some  
pleasant letters, in re-  
turn for the good things  
which you have given  
the public; but a broad-  
er field of duty lay be-  
fore me. It has not been  
surrounded by the bilious  
& rheumatic, & perturbed  
and nervousness as  
they explain themselves  
here, I assume you that  
the time for other work  
is limited. I am studying  
the cross-fertilization  
of these plants, and collect-  
ing the insects concerned,  
and this requires immen-  
sely more time than sim-  
ple botanical collection.  
Am also getting many bird  
skins.

Up to date I have  
got 100 species and about  
5,000 specimens. I hope  
to get 600 species and 40,000

is a bit of a story, and I am sure you will be very happy

to find it. I will send you the manuscript  
of the first of these, and you will find it  
of some interest. I have also some  
other papers of the same kind, and I will  
send them to you as well. I am sure  
you will find them of some interest.  
I am sure you will find them of some  
interest. I am sure you will find them  
of some interest. I am sure you will  
find them of some interest. I am sure  
you will find them of some interest.

Very truly yours,

H. H. Cook.



specimens this season  
I have discovered at  
least six (6) n. sp. that I  
was sure of and a number  
on which I am doubtful.  
Among them a Gracocrypta  
albina & a Megasticta.

My labors in the form  
have not been very  
successful here. I have  
found that the very  
abundant ones I think  
I have learned to call the  
Pidonia fulgida fulgida  
fulgida.

I am very glad that  
your eyes are even a  
little better. After read-  
ing Auerbach's "Brighton"  
I am more than ever  
appreciative of the bleg-  
ing of your eyes in  
and seeing eye-troubles  
before I shall have  
reached your age.

Your views of my "Pellaea  
trinitatis" are undoubtedly  
correct. Now is it certain  
that the specimens  
of "P. trinitatis" formerly  
reported from the N. H.  
are of that species?

As to Ch. Penzance and  
Ch. myriophylla, all  
doubts as to their being  
identical is gradually fading  
from my mind. I am  
less in opposition of  
giving the specimen a fifth

Of eight species which I am in the  
habit of your name in my personal  
series of this series is almost  
certainly the most perfect you  
can find. I am sure that many specimens  
which you can find in your  
series.

My labors in the form  
have not been very  
successful here. I have  
found that the very  
abundant ones I think  
I have learned to call the  
Pidonia fulgida fulgida  
fulgida.

11 of them ... 17-12,  
one ...  
H To say that a few of us are  
chained in ...  
and I am ...  
then ...  
I will ...  
is ...  
are ...  
Tuck. I should ...  
the ...  
filled, ...  
you ...  
with ...



WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER



Mr. J. W. E. Davenport  
8 Hamilton St  
New York

Lunatic Asylum, B. L. N. York.  
Sept. 17, 1852.

Dear Mr. Danvers:-

I want to attend  
Med. lectures at the Coll. of Phys.  
& Surgeons in this city, beginning  
in Oct.; and preparatory to them  
am trying to sell all the plants  
possible. I have reduced the price  
of my A. M. and A. J. plants, full  
sets of nearly 500 species, to \$4  
per hundred. I believe bot. spec-  
imens have never before been  
offered so cheaply, and do not  
think there will ever again be  
in the market at less than  
\$10 per hundred. Do you not know  
of any Agricultural or Horticultural  
societies, or other institutions likely  
to purchase a set?

I wish to say that the Woodia  
which Prof. Eaton finally called  
M. Oregana var., is certainly M. Mex-  
icana var.. This is the one from  
the Buena Vista, growing with  
M. obtusa, now glandulosa. I spent  
a half a day with our lamented  
friend, Mr. Stout, and a few weeks  
prior to his death, and he convinced  
me of this beyond the chance to  
doubt, by his beautiful micro-  
scopic preparation.

Sincerely Yours

Henry H. Rusby.

4  
Franklin, N.H. Feb. 22 / 83.

Dear Mr. Davenport:-

I propose spending the coming season in collecting in northern & central Arizona. I shall have unusually good facilities this time as I before had unusually poor ones, and I hope to do some good and extensive work. I shall be glad to have a continuance of your moral support, and your assistance in the determination of my plans, descriptions of new forms &c. I shall arrive on the ground about the first of May.

Sincerely Yours  
Henry N. O. Renshaw.

Franklin, N.J. Nov. 8, 1883.

Dear Mr. Davenport! -

I am ashamed to send you this trash, - afraid you will think I am disrespectful! But really it is all I found, and I kept my eyes open. The primary trouble was the dryness of the season. Where ferns should have been abundant there was but a brand here and there; and in most places there were only the dry stumps of the preceding season. If I could have travelled for ferns, I suppose I could have found some, but circumstances would not permit of this, so I am forced to disappoint you. But do not despair! arrangements are made by which I shall travel in many countries, solely in the interest of Botany and its applications, and I shall yet send you many good things. How will you enjoy some ferns from the Congo? My collection of *Phanerogams* is scanty (400 species) but rich in r. sps., to the number of 30 or more. Sincerely yours H. H. Rusby,

Franklin, N. J. Nov. 17, 1883.

Dear Friend:-

I could not forbear a pretty broad smile when I read that you, too, had fallen a victim to the prevailing epidemic. Soon it will be difficult for a handsome man to walk the street without being shot by an "instantaneous".

By the way, I want your photo, if you have one, to spare, and if you say so will send you mine.

I rec'd a letter from Mr. Bingle in the mail that followed yours. It had a string of questions that reaches from here to the National Capital! Among them are on photography. All of them I shall try and answer this evening.

Benj. has found a great difference in picturing photography in Arizona. All our negatives were found over-exposed, but by placing them in the hands of an expert



we have 50 of as fine pictures -  
with one or two exceptions - as  
are often made by anyone, no  
matter what their experience.  
If you would like any of these  
you may have them at what  
they cost us, \$2 per doz. for the  
cabinet - and \$2.25 for the stereos.  
This is what we pay Klanser  
of N. Y. to print and mount  
them, he furnishing the material.

They include cactus, Indians,  
caves, cliff-dwelling, mountains,  
caverns, ancient fortifications &c

Very truly yours  
H. H. Rusby,

PARKE, DAVIS & Co.,  
MANUFACTURING CHEMISTS,  
DETROIT, MICHIGAN, U. S. A.

LABORATORY AND GENERAL OFFICES: } Detroit: McDougal Ave., Atwater St.,  
Joseph Campau Ave. and Guoin St.  
BRANCH OFFICE AND WAREHOUSE: } New York: 60 Maiden Lane.  
21 Liberty St.

SCIENTIFIC DEPARTMENT

ANALYTICAL CHEMISTRY: Under charge of A. B. Lyons, A. M., M. D.  
PHARMACOLOGY: Under charge of F. E. Stewart, M. D., Ph. G.  
BOTANY: Under charge of H. H. Rusby, M. D., Curator of Herbarium

HERBARIUM DEPARTMENT.

For Exchange—Many thousands of specimens, to which we are constantly adding collections from our agents in various parts of the world. Physicians making collections will do well to send us their lists, as we use many of the common species in exchange. All vegetable forms (sent in duplicate) named for the specimens.

*Detroit, Mich., Dec. 16, 1884*

Dear Mr. Davenport:—

H

I am happy to announce my expectation of sailing from New York on Jan 1, or Jan 10, via the Isthmus, for Bolivia, on a botanical expedition in the interest of this most liberal and enlightened house. I shall be gone a year or more, and shall make my way overland to Paraguay, Brazil. I expect to look especially for ferns. Can I hope that you will aid me in their determination? I shall consider myself very fortunate if you will do so.

Excuse the brevity of my letter, for I am full of business.

Sincerely yours  
H. H. Rusby.

## Collective Investigation of New Drugs.

### METHOD OF INTRODUCTION:

It is our method, when a new drug, which has in it the promise of therapeutic worth, is introduced to our notice, to first have its physiological properties determined as thoroughly as may be through experiments on animals, after which, if it shall appear to have activity, it is subjected to chemical analysis with a view to the discovery of the nature and precise seat of its active principle. This done, a pharmaceutical preparation is made of it, which is distributed to the hospital service of the country and to physicians in private practice, so that its therapeutic merits may be thus practically and definitely tested.

In order that the results of the experiments, as above, may be of value as a basis of further use of the drug by the profession, such reports thereof, as we are able to secure, are issued in the form of our "Working Bulletin." This bulletin is accompanied with a list of such questions as previous use of the drug has suggested, answers to which are respectfully solicited. Editions of this bulletin embodying the most recent additional reports will from time to time be issued. When a sufficient quantity of such material has been collated, it will be properly classified and published for the benefit of science.

PARKE, DAVIS & CO.

La Paz, Bolivia,  
July 29, 1885-

Dear Mr. Sumner -

I write in great haste, just prior to the departure of the weekly mail, to beg your assistance in securing employment under this govt. to replace their losses; this is about the only business in which no systematic historical work has been done. If I am successful, I hope I can induce you to work the farms.

I am sure you will be willing, to aid me by addressing a letter, to the Pres. of Bolivia, saying what you can of the importance of the work, and my fitness for it. This letter should be sent, without delay, to John Clay, Jr. 60 Madison Lane, New York.

Sincerely yours  
H. W. Bush,

La Paz, Bolivia  
Nov. 8, 1885-

Dear Mr. Davenport:-

Acknowledging receipt of your very kind testimonial of Sept 5, I beg to extend my best thanks, and regret to say that owing to the unproductiveness of Bolivia's mines, and the unprincipled operations of her capitalists, her finances have fallen into such a bad state that no survey may be expected for a long time to come.

But I have, in the interest of the firm, collected some 5000 specimens, representing about 800 species. Of course a large number of ferns among them, but principally orchids.

I expect to start very soon on my journey to Peru, via Mapiri, Beni and Maderia Rivers.

Very truly yours

H. H. Busch.

Franklin A. J.  
Oct 26, 1887,

Dear Mr. Sampson,

Can you hear  
a disappointment  
which has been al-  
most as great to  
me as it will be  
to you. I have not  
collected your Noth-  
aloena sinica. When  
I tell you that I  
started to walk  
36 miles in ten  
hours for the sole  
purpose of collecting  
that fern for you  
you will believe  
that I was earnest  
in my desire to serve  
you. But just as  
I was starting from  
the house I rec'd.  
a card from my  
brother calling on  
me to come imme-  
diately and see him.

[illegible]

to me as you have  
been, I have rec'd  
a promise from a  
friend there to col-  
lect the plants but  
he is more apt to  
promise than to  
redeem his prom-  
ises. I shall how-  
ever try to hold  
him to his word.

The Indians have  
prevented me from  
doing many things  
which I intended  
to do; among other  
things the collection  
of some bird spe-  
cimens of North. Grey's  
& our Pellaea cordata

I have two ferns  
from the Mayollas  
of which I will  
send specimens as  
soon as they ar-  
rive. If you will  
tell me of any thing  
else that you would  
like - I think you  
had some desiderata  
but I have forgotten



what they were, I will send  
them at the same time.

By the way, I would advise you to  
sit down and sleep once more  
in a bed, with an earplug,  
and sit at a table.

Very truly Yours

Henry H. Purdy

TORREY BOTANICAL CLUB  
COLUMBIA COLLEGE

49TH STREET AND FOURTH AVENUE

NEW YORK, May 6 1888

Dear Mr. Sauerport:-

Very glad to see  
that you are still able  
to show me your handwriting  
now and again!

Your enclosure came  
in good time and has  
been substituted for the  
former copy.

Yours truly

H. H. Rusby.

Did you wish a set of my  
So. Am. Ferns? After distributing  
my regular plant sets there  
were a few partial fern  
sets left - containing about  
20 species, for sale at 10¢.

12.

PARKE, DAVIS & CO.,  
MANUFACTURING CHEMISTS.

DETROIT, MICHIGAN, U. S. A.

LABORATORY AND GENERAL OFFICES: } Detroit: McDougal Ave., Atwater St.,  
Joseph Campau Ave. and Guoin St.

BRANCH OFFICE AND WAREHOUSE: } New York: 60 Maiden Lane,  
21 Liberty St.  
218 Pearl St.

HERBARIUM DEPARTMENT.

H. H. RUSBY, M. D., CURATOR.

For Exchange—Many thousands of specimens, to which we are constantly adding collections from our agents in various parts of the world. Physicians making collections will do well to send us their lists, as we use many of the common species in exchange.

All vegetable forms (sent in duplicate) named for the specimens.

All packages from foreign countries should be sent to Parke, Davis & Co., 60 Maiden Lane, New York City.

Columbia College  
New York, Sept 1 1888

Dear Mr. Sargent!—

It is very painful to learn, through your letter of the 30<sup>th</sup> ult., of your indisposition. I trust that you may find the trouble only a temporary one, and recover both your health and your energy. The note which you send will be printed in the Oct. Bulletin.

Sincerely yours

H. H. Rusby.

V

April 18, 1881

The specimen

I received

I like

the idea of enclosing the  
 fronds of a small fern  
 found by me, in an old  
 bottle, left full. It being  
 unfamiliar, at the suggestion  
 of a friend it was sent  
 to Prof. Underwood of Ill.  
 who pronounced it *Dryopteris*  
*spinulosa* a common  
 New England fern. It seems  
 to me to have the appearance  
 of an *Adiantum*.

The real *Aspidium spinulosum*  
 I have never seen, after read-

any, your white one. I had known  
Furness in the last Bulletin  
it occurred to me that you  
would, probably, be able to  
identify it without its tail.

I have been hoping it might  
be something new to this part  
of the country.

I can, without  
further examine and reply  
it will greatly oblige.

Yours respectfully  
Mrs. R. H. Pinckell  
Stratford.

Conn.

✓ To Spinnecorn  
Stratford Small Spinning

Mr. Davenport. I send  
you by Adams's mail  
a package containing all  
the different forms of  
*Quercus obtusilobata* which  
I have found growing  
in the same field, a little  
south of the city, this  
summer. Did you ever  
receive corn roots of *Camp-*  
*probus*, and did they ap-  
proach the variety *ebeno-*  
*ides*? I have found any  
quantity of *Woodwardia*  
*virginica*, and hope some  
to go where the odd *A.*  
*Glypteria* is to be found,  
if so will send you  
some specimens, hop-  
ing they may reach you  
in better condition than  
those sent last year.  
Went for the little *Botrychium*  
ever got, find a vestige of them.  
Respectfully, M. Q. Rust.



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER



Mr. Geo. O. Woodruff  
8 Hamilton Place  
Boston  
Mass.

11 I will send you  
in today's mail the box  
of dried *Salicinas* I have  
of that & *Thelypteris* I found  
them as far from the cen-  
tral of the ... as they  
the ... I reached the ...  
but there was not for ...  
ing them (as they were ...)  
that I could not straighten them  
out. I noticed that the roots were  
very thick and the ... of no  
colored ... large ones. There  
was no other *Thelypteris* within  
a mile of it and two *Pteris* very  
near ... little there was ...  
side the ... size which we  
found everywhere. I shall buy it  
if I can find its habitat again.  
But as I must give a whole  
can to it if I do, and I am  
not ... reach ...  
the ... of this is the ... of  
... ... if ...  
we ... enough ...  
it is a little ... about  
my getting there. I will call  
Mr. ... in a few days and  
let you know about the ...  
... the ... was from  
the ...





WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

Mr. Geo. G. Green, Jr.  
8 Grand Street Place,  
Brooklyn,  
Ct.

them to be though  
the var. *Boottii* I have  
had much truer speci-  
mens of.

I have never  
found in all more  
than a dozen fronds  
of *Polytrichum squarrosum*,  
so I could not send  
many.

*Trichomanes ethe-  
radicans* and *T. Petersii*  
Mr. Peters has sent  
me beautiful specimens  
of so I will return  
fronds as you may  
find them useful  
in exchanging.

*Asplenium Ruta-  
murex* has sent me  
by a friend, living some  
twenty miles from here,

1/2 E. Seneca St  
Syracuse, N. Y.  
Aug. 2<sup>nd</sup> 1875.

Mr. Davenport.

Your  
package and letter  
have both come to  
me to-day. For  
which many thanks.

I wish I could in  
return send you  
all the ferns you  
wish. But of course  
I have few specimens  
and of others no  
duplicates. My *Asplen-  
ium aculeatum* is  
doubtless the var. *Bras-  
sica* brought me by  
a friend from the  
White Mts.

I went a few days since in search of more of the variety of *Brychium* *emphile*. But not a frond was to be found. Probably it withers early as most of the *Brychia* do. but as soon as my friend returns from the North Woods you shall have what I can get for you. The *B. lanceolatum* I know to be only the sterile frond. I but thought possibly it would be new to you as I never found but one before.

The *Adiantum* is

peculiar some of it I judge to be *A. Capill.* *no. Veneris* from its mode of branching - they all grow together.

I am ashamed to send the *Hypodermis* *Cratium* var. *Clintoni-* *um*, still as it is the only one I have, and they are having the *Small* *Poe* in the neighborhood of the Swamp where it is to be found, I can get no more at present. There are so many varieties of *A. spirituosum* it seems very difficult to tell where one ends and the other begins. I send you what I think

Very gratefully yours,  
Mary C. Root.

I will see if she  
can get more for  
me, and if so will  
send you more of  
it.

My package  
contains

1. *Cystopteris fragilis* <sup>bulbifera</sup>  
from Syracuse;
2. *Botrychium lance-*  
*olatum*, Syracuse;
3. *B. gracile*, Syracuse;
4. *B. simplex*, Syracuse;
5. *B. humanoides*, Syracuse;
6. *Aspidium spinulos-*  
*um*, Syracuse;
7. *A. spin.* var. *hum-*  
*torum*, Syracuse;
8. *A. spin.* var. *Boothii*,  
Syracuse;

- 9, *A. Spic.* var.  
*Militatum*, Syracuse;  
10, *A. acrostichoides*  
var. *incisum*, Syracuse;  
11, (?) *Syracuse*;  
12, *A. cristatum* var.  
*Clintonianum*, Syracuse;  
13, *Asplenium Ruta-Mu-*  
*renaria*, Cayuga Co., N. Y.  
14, *Pellaea gracilis*, *Sy-*  
*racuse*;  
15, *P. atropurpurea*,  
*Syracuse*;  
16, *Campptosorus*, *Sy-*  
*racuse*;  
17, *Polypodium*,  
*Syracuse*;  
18, *Adiantum* (?)  
*Syracuse*;

Perhaps I should  
have said that the  
above were found in

Onondaga Co. Of  
course they were  
not in the city of  
Syracuse, but its  
neighborhood.

My address  
is Mrs. Phileas M. Rust.  
but it makes very  
little difference for  
everything seems to  
reach me however  
it may be directed.

I trust that  
my package will  
reach you safely, and  
if there is anything  
else that I can  
get for you here that  
you should like I  
should be happy to  
do so.

Believe me

no sterile fronds.

I think R. that I have the three varieties of *B. ternatum* only. I have named them from Traut's Manual, *humarioides*, and then said var. *obliquum* & var. *dissectum*. I went the other day in search of more *B. ternatum* and found the trees all cut down and only a few shabby looking fronds left, such as they are I will send them to you, I know another locality where it grows & will go to it if the Small Pot ceases so I can get there, but I should go right through

1.2 E. Senessee N.Y.

Sept. 4<sup>th</sup> 1871.

Mr. Darwinport,

I received the postal, and yesterday yours letter containing the card, and shall be much obliged to both Miss Holmes and you for the new ferns.

The *B. lanceolata* I have is not fructified, but much larger than the one I sent you, it was so very much like any *B. Virginicum* I ever found, the cutting of the segments so parallel

the most desperate  
*B. virginicum* I ever saw  
that I thought it  
could be no other  
than the *lanceolatum*.

As to the *B. Smil-*  
plex I had called it  
*B. Lumania*, but when  
I sent the var. *bikiniab-*  
*ifidum* to Prof. Gray  
he wrote me that  
he had received from  
Lyrause in 1848, from  
Mr. Murray, the same  
green species but  
with simple lobes &  
the sterile frond, and  
that his assistant  
had named it *B. Luma-*  
*ria* not noticing the  
petiole to the sterile  
frond. When I sent the  
varieties to our State Botan-

ist, he said he believ-  
ed it to be *B. neglectum*  
described by Prof. Wood  
and *B. matricariaefolium*.  
Braun, so when I send  
you my specimens  
you may decide  
them to be the same  
as those you sent me  
as *B. matricariaefolium*.  
Those that I gathered  
myself are very small  
and all I store left,  
I have one in my own  
collection with the  
sterile frond 2' wide  
& 3' long. Those gathered  
by Mrs. Barnes in the  
North Woods look  
more like the ones  
you sent me I think.  
There is one very remark-  
able with two fertile and

where that disease  
is raging to get there.  
I have been  
very unfortunate this  
year in collecting  
specimens, my own  
ill health, that of  
the city and last  
though not least of  
the horses have render-  
ed it impossible to  
do what I desired.

Have you all  
the depletion magni-  
tudiniform you wish  
for I have now  
some beautiful speci-  
mens of it.

My package this  
time will contain

1 B. simplex var.  
bipinnatifidum gather-  
ed by me.



*L. B. simplex* var. *bi-*  
*pinatifidum* gathered  
by Mrs. Charles Barnes  
at No. 4, North Woods,  
N. Y.

*B. B. ternatum* var. *rad.*

With many  
thanks for <sup>the</sup> certain  
of the specimens I  
remain

Yours truly

Mary O. Rust.

Grace,  
Oct. 25<sup>th</sup> 1845.

Mr. Davenport. I have  
sent you today by  
express a box containing  
the roots of *Cystopteris  
bulbifera* you de-  
sired, and some others  
which I found at  
the same time and  
place, and thought  
would do well on a  
rockery. I trust that  
they may reach you  
in good condition.

I should have  
sooner sent them  
but the past few  
days being pleasant have

been devoted to the  
woods so we did not  
reach those where I  
found the *Cystopteris*  
until the last.

Should you see  
my collection of ferns  
you would find that  
nearly half of my  
greatest treasures were  
marked as coming  
from you, and  
would think as I  
do that I should  
be

Yours gratefully,  
Maryivia Rust.

Using health to my  
family even if  
not to me but  
will be a very happy  
year to me, I think but  
may do so to you &  
there is the union  
milk of

Your grateful friend,

Mary C. East.

Agassiz  
Jan. 7<sup>th</sup> 1876.  
Mr. Davenport.

Acc-  
ceived your postal,  
and waited to receive  
the package from  
Miss Holmes before  
writing to you. This  
afternoon while I was  
dining Miss H. called  
and left the news  
so I lost her call.

I am very  
much obliged to you  
both, to you especial-  
ly for the Petries and  
the Comaria; the latter  
looks to me very much

like *Blechnum boreale*  
which was sent me  
from Iceland. Is there  
any difference between  
*Blechnum* and *Comaria*?

That specimen  
of *Botrychium ternatum*  
I should think identical  
with the large one  
in my herbarium, which  
I gathered in this Mon-  
taga County, and like  
the largest I sent to  
you.

I think I have  
been very fortunate in  
finding so many  
kind friends willing  
to exchange with  
me, and trust that  
another season I  
may be able to do

something for  
them all, though  
I feel a little discom-  
fort occasionally when  
I have a hard cold, as  
I have today. it makes  
me so red and violent,  
notting me of all am-  
bition for the time.

I thank you  
much for your kind  
wish of a Happy New  
Year, the day was  
a very happy one to  
my little folks who  
had some twenty of  
their friends to tea  
with them, having  
a candy-bag etc. in  
the afternoon, and a  
dance in the early  
evening. If it will

Syracuse,  
Jan 21<sup>st</sup> 1876.

Mr. Davenport.

May  
I trouble you once  
more? I want  
very much to know  
whether there is or  
not a species mitum  
of the Aspidium. I  
do not see in your  
collection any men-  
tion of it, but it is  
down on Mr. Edward's  
Catalogue as discover-  
ed by C. C. Faxon - Florida.  
Mr. C. has omitted A. pa-  
ters from his list -  
is there any reason

for that.

I have just begun studying Insects with a few friends, and I believe they will be even more interesting than Birds though I much more difficult to identify. Still I shall never lose them less; I trust at them I think I next Summer to become well acquainted with all the birds in our neighborhood, as I got quite a general introduction to them last year, and the year before to Graminivores. But I hardly dare hope ever to know Aqs, Kingi and Lichens.

all that I have read of them seems so confused, and they have so many ways of reproduction, and so many different stages that I must some one should take mercy on me and show me how to go at work at them I think I could never find out the way.

Truly your friend  
Mary C. Rust.

253  
your address  
which is

Mrs. E. A. Hayes.

14 Portsea St.

New Haven.  
Ct.

She sends her specimens  
marked, and they are  
beautifully preserved.

Believe me

Gratefully yours

Mary C. Rust.

Ypsaloma,  
Feb. 2<sup>nd</sup> 1846.

Mr. Imenfort, I trust  
you will excuse  
my not acknowledging  
the receipt of your  
letter, and latter still  
of the Medford news-  
papers which I authorize  
you sent me, if so  
and you continue these  
articles on the Flora  
of Medford I should  
be much pleased to see  
them all.

In addition to  
my other occupations  
I have been puzzling



a young medical  
Student in Boston,  
he being married 1<sup>st</sup>  
quit his studies at  
this next term. He has  
been very pleasant but  
taken much time.

A Southern gentle-  
man, to whom I sent  
Mr. Edwards Catalogue,  
wanted to know about  
the Repichium emitem -  
he lives in Florida and  
knew nothing about  
it, and all what had  
become of A. patens. I  
wrote to him what  
you wrote to me. Mr.  
Horton has exchanged some  
ferns with me, but I  
did not know but that  
he and others might have

changed their minds  
about A. emitem as  
troubled you for the  
information.

South I have  
purchased some beau-  
tiful Indian ferns of  
a lady in New Haven,  
the wife of a missionary,  
who was unable to return  
to India with her hus-  
band and is striving  
to educate her children  
in this country. She  
has a hundred varieties  
and sells them at the  
rate of ten for one dollar.  
I do not know whether  
you are interested in  
foreign ferns. but some  
of your friends may  
be and so I will send

have not seen for  
a long time. Mrs. Barnes  
is just very strong  
but well enough to  
enjoy ferns, and I  
know of no one who  
better appreciates them  
or is quicker at find-  
ing them, we are  
both longing for Spring  
and flattering ourselves  
that when we can get  
in the woods again we  
shall be healthier.

We are doing  
finely with "Hesperis"; they  
are marvellous little in-  
dividuals.

Sincerely yours,

Mary C. Rust.

I have *Calceolaria* <sup>*intermedia*</sup> and *Hepaticas* in  
bloom in my window-boxes.

Syracuse,  
Mar. 28<sup>th</sup> 1876.

Mr. Darvport

Should  
I ever be fortunate en-  
ough to get the  
specimens you would  
like for your collec-  
tion I should only  
be too happy to recom-  
mend it. Mr. Keeler was  
the gentleman in  
Florida to whom I  
wrote and for whom  
I desired the infor-  
mation about *A. pictus*  
etc. his collection has  
been destroyed by fire  
and he did not en-

courage me to hope  
that he should be able  
to exchange with me  
this year.

I have a brother-in-law South moss,  
who took several back-ages of ferns for me.  
I would like to see if he  
could be heard of and  
potamists while on this  
trip to see if there  
would exchange with  
me. While in Houston he  
called on Mrs. Young, who  
was much delighted  
with my package, and  
said she should soon  
send me one in return.  
telling him of the ones  
she had sent you, and  
which you thought

new, were thus the var.  
of *Cheilanthes* *virginica* you  
mentioned.

I have been very  
miserable since I shed  
from you or I should  
have written sooner.  
at first voiceless from  
a severe cold and  
entirely settled down into  
fever and ague again.

I am very sure that  
we have found the var.  
mexican of *A. trichomanes*,  
which you mention, here.  
But I cannot find  
any of them among the  
specimens I now have.  
Var. serratum of *A. cheum*  
we found plentifully here  
last autumn.

Chas. Hoopes &

of first time  
at the woods.

I suppose that  
it will be impossi-  
ble for us to get any  
*B. matricariaefolia*  
before the last of  
June, as that was  
the time we found  
it last year.

Trusting that  
you and Morris  
are enjoying health  
believe me

Yours respectfully

May G. East.

Syracuse,  
Sept. 15<sup>th</sup> 1846.

Mr. Darcey Esq. Will  
you be kind enough  
to tell me what the  
enclosed specimen is,  
it was sent me  
from Kansas by Prof.  
Carruth. I suppose  
it is a variety of  
*Eustroteris fragilis*.  
It looks much  
like *E. regia* in "Gloss  
British Ferns", and  
the large sori seem  
like *E. sudetica* Hooker.  
Baker's *Synopsis Filicum*  
in fact I think it an-

oners the latter  
description well  
only it is not tricorn  
quadriminatifid. Will  
you please return  
me the specimen  
as it is the only  
one I have.

Prof. C. wanted  
me if I could to  
let him know what  
the *Cystopteris* was,  
he also sent me a  
specimen of *Tottosoma*  
*dealbata* which he  
thought was *N. Kentledgei*  
and a sterile frond  
of *Struthiopteris* (of  
which he had never  
found a fertile)  
thinking it might  
be an *Hypodermis*. I

shall send him  
specimens of all  
of my duplicates -  
unfaded - and then  
I think he will  
know more about  
Filiices. There seems  
to find very few  
ferns in Canada.

Yesterday was  
so mild (and fair,  
the Hepaticas all  
in bloom in my  
garden, that I  
thought today I  
should go in search  
of early flowers, which  
grow with us in  
a swamp, but to-  
day feels like mid-  
winter so I must  
wait while for

thus was with  
her little baby.

I have heard  
nothing as yet from  
Mrs. Young nor from  
Prof. Bennett, but  
still hope to.

I have been  
working all the after-  
noon at Pellen, pre-  
paring it, and show-  
ing it to a class, un-  
der a compound mi-  
croscope, it is beau-  
tiful work but  
makes my eyes  
rebel.

Hoping that I  
may be able to send  
you the Botrychium  
soon.

Yours Respectfully  
Ch. D. Smith.

Freeport, Me.  
June 5<sup>th</sup> 1876.  
Mr. Davenport.

I have  
been intending for  
several weeks to  
write to you; to thank  
you, in the first  
place, for remem-  
bering me by sending  
me all those les-  
sions on Ferns. I  
was very much in-  
terested in them;  
then I wanted to offer  
to collect anything  
you might desire  
from my neigh-  
borhood during the

present season,  
either specimens  
or plants should  
you wish them  
for your collection.  
Will any of the  
five that I sent  
last fall?

I should like  
to send you plenty  
of *B. matricariaefolia*,  
but as yet find  
little of it. Fresh, but  
later in the season  
I may be more suc-  
cessful.

About *B. ternata*  
var. I suppose you  
wish the true *ternata*  
var. and not its  
varieties, if I can  
find any of it I

shall be only too  
happy to send  
you what you  
desire, but last  
year I found only  
a few fronds, and  
this year the woods  
are so cleared from  
the locality that I  
am afraid it is  
worth for botani-  
cal purposes, still  
I will give you  
the next week  
and see what I  
can find. Mrs.  
Barner found her  
large specimens in  
the "North Woods" of  
Bellevue, and I much  
doubt whether she  
will reach them

Syracuse,  
June 19<sup>th</sup> 1846.

Mr. Searnsport, When  
searching for *B. ter-*  
*matum* (of which  
I could not find  
a nest) I found  
these two little *Botuph-*  
as one of which I  
should call "grailo"  
the other "anceolatums",  
you see they are  
both first feed, and  
should you call them  
both "grailo"?

I often go near  
where I found those  
*B. ternatum*, and hope



get to be able to  
send you what  
you desire, but  
if I am not Mrs.  
Barnes goes soon  
to the North Woods  
for the summer,  
and she will proba-  
bly be successful in  
finding it.

I have had  
some grass & trunks  
through our woods,  
but have found  
nothing new so far  
this year, among  
Ferns I mean, for  
I have found Cyrti-  
pedium acule and  
C. spectabile neither  
of which had I ever  
seen growing before.

Trusting that  
you may be more  
fortunate than I  
have been believe  
me

Respectfully yours,  
Mary C. Rust.

P.S. Be. Splenium  
Bradleyi so near A. mon-  
tana that one might  
easily mistake them  
for one another!

I never saw any  
indusia on *Struthiopteris*  
until I found these  
specimens at Pompey.  
I was very incredulous  
about them - now  
I am willing to place  
*Struthiopteris* in genus  
*Onoclea* - I wish you  
could have seen these  
specimens before they  
were pressed - for in  
spite of all my pains  
they are not well  
pressed; I have just  
one specimen which  
is hardly at all con-  
tracted, and the indus-  
ia look like little  
green bubbles on it.  
The *Pteris aquilina* looks  
exactly like speci-  
mens I brought me

Pompey, N.Y.,  
Aug. 11<sup>th</sup> 1876.

Mr. Davenport  
Harris  
returned from Pom-  
pey, where I have  
been passing sever-  
al weeks, I want  
to send you the few  
ferns that I found  
there which seemed  
new varieties for  
Onondaga Co., and  
also to ask you a  
few questions about  
some I already had.  
The package  
that I will send  
with this letter con-

taxis

- 1- *A. Trichomanes*  
var. *incisum* (?)
- 2- *A. Filix-femina*,  
var. *angustum* (?)
- 3- *A. Filix-femina*  
var. *laciniatum* (?)
- 4- *A. montanum*  
Alabama Mr. Petter.
- 5- *A. Bradleyi*  
Louisville Ky. Mr. Williamson.
- 6- *Onoclea sensibilis*  
var. *obtusilobata*.
- 7- *Struthiopteris*  
var. mentioned in Gray's Manual
- 8- *Pteris aquilina*  
var. *candata* (?)
- 9- *A. spinulosum*.
- 10- *B. gracile*

About the *A. Trichomanes* it seems to me that the fronds

I send you are all mixed. I know that in the Spring I saw var. *Michauxii* (from the purple stripe you describe in your article) of *A. Filix-femina*, and so soon as it rains shall go in pursuit of it, and I ought about the varieties *angustum* & *laciniatum*? If this is *A. Bradleyi* I wish I had more to send you, but Mr. Williamson only sent me four fronds. The *Onoclea* you named call var. *obtusilobata* if you, <sup>admitted</sup> recognized the variety wouldn't you?

from Florida and  
which were labelled  
var. *Canadensis* - if it  
is *Ononidaga* B. Can.  
furnish plenty of  
it. I think I am  
sure of my *A. spin-*  
*ulosum* this time.

I wrote to Prof.  
Barrett but have  
heard nothing from  
him about the *H.*  
*dealbata*, I do not  
think that he collects  
many ferns, he says  
that he is an old  
man, taught school  
on Cape Cod fifty  
years ago.

I have not yet

heard from Mrs.  
Young; in fact I  
have done little ex-  
changing this season,  
it hath been so intense-  
ly hot that I could  
collect but little, then  
before going away I  
had the Ague miserably  
and my three younger  
children were all ill.  
But we have return-  
ed much benefitted &  
should it rain hope  
yet to find some speci-  
mens.

Believe me  
Respectfully yours,  
Mary F. Nash.

Yacouse  
Sept. 4<sup>th</sup> 1826.  
Mr. Davenport,

I went  
into the woods  
Saturday and found  
plenty of *Splachnum*  
*angustifolium* which  
I sent you by to-  
day's mail and  
with it something  
else what I do not  
know; I found it  
in deep woods on  
the border of a lake,  
lying prostrate on  
the ground looking  
something as *Bedstraw*  
(*Galium*) does, very

Excellent and  
tender (I fear some  
of it will reach you  
in good condition),  
the fronds were two  
feet long, pinnate (not  
ternate like *Pteris*),  
not a single fruit-  
ful one could I  
find nor my fifteen  
friends who accom-  
panied me; it seems  
to me the venation is  
that of those thin  
swamp specimens of  
*S. Thelypteris*, but other-  
wise it is so unlike  
it that I can make  
no guess at what it  
is, it is so large  
and so late in the  
season I should

think that it  
had its full  
growth and was  
in seedling.

That I soon  
to get some more  
of your desiderata  
when I shall send  
them to you, mean-  
while I hope that  
your health is better.

Respectfully yours,  
Mary C. Rust.

Miss Roscoe & Co. -  
They are both well  
and both very busy.

I trust that  
you are perfectly resto-  
red to health again.

Mr. Wm. was  
at the Art lectures so  
I spoke to him about  
the Botrychium - he  
said that he feared that  
he had not a specimen  
but would look and  
if he found one would  
be happy to send it to  
you.

Respectfully yours

Mary C. Rust.

Brookline,  
Oct. 24 1876.  
Mr. S. W. Port. I have  
only not succeeded  
in arranging a pack-  
age of seeds to send  
to you - we returned  
from Philadelphia so  
thoroughly worn out  
and with as severe  
colds that it seems  
as though we should  
never feel fairly coat-  
ed again - in spite  
of all the dis-comforts  
however we are very  
glad that we met  
the Botanical display



at the exposition  
did not strike me  
as good. So as dis-  
appointed in it, though  
there were a few fine  
ferns and it was  
my first sight of  
tree-ferns, and a  
remarkable man-like  
orchid - also the  
Southern "Pitcher Plant".  
But by far the most  
beautiful part of Horti-  
cultural Hall to me  
was the view from  
its colonade.

I am sorry not  
to be able to send  
you any *Pellaea gracilis*  
(over *P. ternatum*), the  
*Polypodium* *drum* too is  
miserable but as one

has found my  
better this season.  
If we had not had  
so severe frosts I should  
try to get some more  
of the peculiar *Selagin*  
our *Thelypteris*, but all  
the tender ferns are  
gone.

I wrote to your  
friend Miss Pelton,  
who kindly sent me  
some ferns, and I  
shall soon send  
her some foreign ones  
in exchange.

Mr. Cheney has  
been giving us a course  
of lectures at the  
Unitarian Church the  
past week, as I have  
seen both Mr. Barnes &

tired of that  
entertainment.

Hoping that  
you are succeeding  
better than I in mak-  
ing your collection of  
Stems, believe me

Respectfully yours  
Mary P. Rust.

Spencer,  
Jan. 19<sup>th</sup> 1877.

Mr. Darwinton.

I have  
been long hoping  
that I should be  
fortunate enough to  
receive some of your  
desiderata, so that I  
could give myself  
the pleasure of sending  
you something new,  
and when one of  
my botanical corre-  
spondents sent me  
word that she had  
some specimens of *oss.*  
*calcareum* of *Phlegopteris*  
*herzogii* <sup>*herzogii*</sup> which

she would send  
me if I desired  
them. I thought  
"Horse" I shall share  
with Mr. Davenport.  
They arrived yesterday.  
Enclosed with them  
was a thin piece of  
board. (I suppose with  
the idea that they  
would be less apt to  
break) which was all  
broken, consequently  
the specimens were  
injured. If they are  
the variety there is  
so little difference be-  
tween them and my  
own specimens of *P.*  
*Dyspteris* that I should  
hardly think it wise.  
He to make the his-

triction. - Such  
as they are however I  
will send them to  
you; they came from  
Duluth and were  
collected by Miss Puttall  
of St. Paul, Minn.

I trust that  
your health is much  
better, my own is  
very poor and owing  
to the deep snow and  
miserable sleighing I  
have to keep indoors  
almost altogether.

Mrs. Barnes is  
working at Myra's with  
us so we pass our  
Saturday afternoons de-  
lightfully together, as  
the club meets at my  
house I am not the

offered for sale  
anywhere?

I have naturally  
fallen into my usual  
habit, with you, of ques-  
tioning; but I get so  
little information from  
any one else that I suppose  
I shall always forget  
how very irksome it  
must be to you.

My health keeps  
on in the same miser-  
able channel, but I  
know now there must  
be pleasant weather soon  
when I can get out in  
the fresh air again.

Respectfully your friend

Mary V. Fust.

Ipswich,  
April 1<sup>st</sup> 1874.

Mr. Tarnport. Mrs.

Barnes when she came  
to the Mops club yester-  
day, told me that  
you would like tracings  
of my "B. simplex", so  
my daughter has sketched  
them as well as she  
could.

No. 1 from Mr.  
Kornard I have consider-  
ed true simplex, the  
one from Mr. Pringle  
he told me Prof. Eaton  
called matricaria foliata  
while Dr. Hooker called it

simplex, I should think the specimen from Mr. Miller very near it though not distinctly lobed, Miss Peltois seems more like Prof. Fernald's only I imagine it to be very young.

Have you come to any definite conclusion about *P. vulgare*, *calcatum*, *californicum*, and *intermedium*?

I have received some very promising promises for exchange next autumn, I trust they may be fulfilled. I have now offered one some *Asplenium Bradleyi* should it arrive would you like a specimen for

your own herbarium? Have you a good specimen of "*Philaanthus vestita*"? For I now have several?

My friend, Mrs. Safford, told me that she was going to write to you to see if she could procure one of your sets of plants. I told her that I was not at all sure but that they were in Mr. Bannister's hands by this time.

Every little while I receive a specimen marked as from "Palmer's collection" or "Bartlett's collection" - do you know whether those collections have been broken up and are

You see me you  
would say as all  
my friends do "Why,  
you are looking very  
well," which means  
very fleshy, but I am  
quite content with  
that portion as it makes  
other people more com-  
fortable. Mrs. Barnes has  
decided to go to the  
North Woods, where I  
hope that she will soon  
recover her health, she  
always has up there.

Hoping to add some-  
thing interesting, if nothing  
new, to your collection  
during the season I  
am far over

Respectfully yours,  
Mary W. Rust.

Syracuse,  
June 5<sup>th</sup> 1877.  
Mr. Tarsenport, I  
received your letter  
containing the two  
specimens of *A. spin-*  
*ulosum* for which I  
am much obliged.  
I am glad that  
your ferns are do-  
ing so well and shall  
be interested in your  
*A. thelypteris*, mine has  
not made its appearance  
yet and I fear that  
I have killed it by  
keeping it in the house

During the winter, if  
I am well enough we  
are going to visit its hab.  
it will pin a few days,  
and then I will let  
you know what I  
find out about it.

Mrs. Barnes, Mrs.  
Myers and I took a  
little excursion into the  
woods yesterday. I found  
two little Botrychial Inter-  
mediate between Samaria  
and matricaria John.  
Eaton.) which I sent  
you, wishing much  
that there were some-  
thing else I might  
add, but I thought  
that you might possi-  
bly succeed in making  
them grow and then

could satisfy yourself  
as to what they were.  
They are the same as  
"Mr. Mundy's fern" he  
and I being the only  
persons who know  
their locality, and al-  
though I have passed  
hours searching I never  
found a frond outside  
of a space that could  
be enclosed in two square  
yards, though the woods  
all about look just the  
same, ferns and briches  
abounding.

Mrs. Barnes shows  
her illness, Malarial Fever,  
very much, and although  
I have not been free  
from it in over three  
years I suppose should

Syracuse,  
July 24<sup>th</sup> '99

Mr. Davenport,

I received your postal and will try to get you a root of that Botrychium as soon as I can go to the woods again.

I went in search of it since writing to you, but with a knowledge of it could I find, and generally it only lasts a few weeks. Its locality is on the Jamesville Road, there



miles south of Ocala -  
cause growing under  
pines and Beeches on a  
rocky wooded hill-  
side.

We are anticipating  
a strike of C. R.  
R. hands, in which  
event there will  
be no safety in leav-  
ing our houses at  
all, but the men de-  
clare that there shall  
be no riot made of  
course we try to hope  
that they may keep  
to their declaration,  
the city is so quiet  
that it seems un-  
natural, the armory  
guarded and troops  
stationed in it, the

men have quit work  
on the R. R. shops  
but so far the trains  
are running regul-  
arly to and from the  
city.

A few days since  
one of my friends went  
with me to a swamp  
near here, and one  
found "Woodperchia  
virginica". I shall be  
disappointed if during  
the season I am unable  
to add a new form to  
those already found  
in the county.

Respectfully yours  
Mary O. Pinat.

Spruce  
Sept. 23<sup>rd</sup> 1877.

Mr. Darroport.

At last  
I have reached the  
Kuyterville Green Lake,  
where the odd Thalys-  
teris grows. but when  
I got there I found  
that I was as much  
too late this season  
as I had been too  
early last.

I tried to get  
a few good roots for  
you which I send  
by today's mail,  
but I could get no  
specimens for pressing.

they looked as  
though we had  
had a heavy frost,  
which had not yet  
come to us.

When and in  
what will your  
paper on Botany  
be published?

We have found  
a beautiful new glen  
where there is plenty  
of *Soropendrum*, not  
very near the city but  
west of our woods  
that amount to much  
are not; and with  
the *Soropendrum* are  
*S. trichomanes* and *P.*  
*atropurpurea* in abun-  
dant.

Trusting that you

may not be much  
disappointed in  
your *Phlypteria*. believe  
me

Respectfully yours,  
Mary C. Root.

Mr. Robinson to  
whom I wrote at  
the same time, I  
hope he will let me  
know when he publishes  
your paper.

I hardly know  
what I have to mention  
as my children have  
two other little girls  
with them, in an ad-  
joining room, both  
come, making candles,  
and all laughing and  
shouting until I feel  
uncertain whether I  
have a head or not.

Yours respectfully

Maria West.

Dear Sir,  
I have just received  
your letter of the 21<sup>st</sup> of July.  
I have just received  
your letter of the 21<sup>st</sup> of July.  
I have just received  
your letter of the 21<sup>st</sup> of July.  
I have just received  
your letter of the 21<sup>st</sup> of July.

He went to  
what we call "Colo-  
pendium Green Lake",  
as there are three  
Green Lakes in Quo-  
daga county it is  
a little confusing. It  
was a glorious day,  
a pleasant party, and

one of the most satisfactory places to visit on account of the variety of ferns to be found. Yesterday I found for the first time in that locality "*B. ternatum* var. *limbatoides*." I wished that you could have seen the side of the cliff covered with "*Pellaea atropurpurea*," and know that you or any other gentleman would have reached much finer specimens than we ladies could. I was strongly tempted to try going lower down for it, but my friends seemed so

tornified at the more suggestion I would not waste the day's pleasure for them.

I went a few days ago into the woods and found "*Viola Canadensis*" in bloom, and found much to my disappointment that they had entirely ceased my best patch of *A. crocotrichoides* var. *incisum* & "*Phlegopteris hexagonoptera*."

I heard from Mr. Beckett not long since that he would soon send me the Bulletin containing your paper, but I have not heard a word from

doubt about ferns,  
if I have time to spare  
all you need to do is  
to tell me so and I  
will promise not to  
be offended.

I have not passed  
so comfortable a winter  
in five years as this, which  
has been considered as  
unhealthy, and while  
many of my friends are  
having their first touch  
of Malarial fever. I do  
not shake at all.

Respectfully yours,

Mary Q. Russell.

P.S. I do not know whether  
I have written you since re-  
ceiving your paper on "B. simplex",  
but expressed to Mr. Robinson  
my delight in it.

Yaleville,  
Jan 20<sup>th</sup> 1878.

Mr. T. M. Johnson. I have  
had sent me some  
specimens to examine.  
That I am not  
positive about, so  
want to know if  
you will be so kind  
as to name them and  
return them to me  
as I have no duplicates  
of them.

They are (as I  
suppose)  
No. 1 - *Gymnogramme pedata*  
No. 2 *Gymnogramme* "Virginia".

2 - *Cheilanthes Wrightii* "  
Near Camp Grant, Arizona.

3 - *Pellaea Wrightiana*  
Near Camp Grant, Arizona.

4 - *Pellaea atropurpurea* ✓  
Growing in the silicious, ferru-  
ginous tufa formed from  
the deposits from the waters  
of the Hot Springs, Ark.

5 - *C. Alabamensis* ✓  
Same habitat as above - Ark.

6 - *C. Fendleri* (narrow leafed)  
California sent to me by  
Mr. Seydett - if this is "Fendleri"  
it does not answer the  
description given in the  
"Annohis Illinois", Cook & Baker,  
and what was sent as  
"*C. borelandii*" I should  
think answered to it  
much better.

Mr. Seydett sent me

a specimen of *Cheilanthes*  
*boottiana* labeled "*Cheilanthes*  
*boottiana* M. S. Eaton."  
Sent found by J. E. Lewis '82  
in Donnerville Park, afterward  
by Mrs. E. Lewis of  
Santa Barbara; specimen  
from White Water, Colorado  
Desert - April 1876.

Should you like  
what I send you, the  
"*C. boottiana*"; please keep it  
as I have more of it, also  
the "*C. atropurpurea*" from  
the Hot Springs; I wish  
I could offer you the others  
but cannot as I have no  
other specimens.

I suppose that  
I shall always feel at  
liberty to appeal to you  
when I get into want.

Ap. case.

Jan. 24<sup>th</sup> 1878.

Mr. Sarnbock,

I received your postal this morning and send you by today's mail the specimen of C. viridis you wished!

Did I write you that Mr. Bugett sent it to me! if so I was careless, meaning Mr. Semmon. I have no doubt now that I have examined it, referring to your note on it in the Bulletin, that it is vir-



cider, not ingress, it  
seems to be the specimen  
is really Mrs. Barnes  
did not borrow the  
name whatever she  
may have done in  
regard to her pupils.

Calling on Mrs.  
Barnes she showed  
me her second number  
of "Hens of N. G." (for some  
reason mine has not  
arrived) and we both  
thought that we had  
collected "B. brevis", not  
having the plate to  
refer to ~~now~~ I send  
you something that  
I collected last summer  
at Montpredy's Lake,  
which I think bears  
a resemblance to "B. brevis".

Rec'd the specimens  
received no more need  
thank you, as soon as  
possible send me as  
soon

Yale College, Nov. 10,

Massachusetts  
J

something new. I have  
to thoroughly searched  
through the State, and  
I have very little left  
to get things out of it  
this season.

I cannot wait  
but since a package  
from Miss Bell.

Respectfully yours,

Mary E. Pratt.

Mrs. Miles H. Pratt,  
112 E. Seneca St.

Syracuse,  
N. Y.

I have had another class in  
Boston, taking ten of my friends.

My dear Mary,  
I have been thinking of  
writing you for some time  
but have been so busy  
that I could not find time  
to do so. I have been  
very busy with my  
work, and have not had  
time to write you.

I have been thinking of  
writing you for some time  
but have been so busy  
that I could not find time  
to do so. I have been  
very busy with my  
work, and have not had  
time to write you.

I have been thinking of  
writing you for some time  
but have been so busy  
that I could not find time  
to do so. I have been  
very busy with my  
work, and have not had  
time to write you.

vis", but I could  
not. Mr. Barnes  
tells me that Mr.  
Williams has found  
a new locality for  
it on the Ames-  
ville Road, it may  
be that she could  
get you better speci-  
mens.

I should like  
to send you a few  
specimens lately sent  
to me to see what  
you would say of  
them

- No. 1 was marked  
*Botholena ferruginea*, Arizona  
2 - I think *B. ferruginea*  
it was unmarked, Arizona.  
3 - I think *B. sulphurea*  
Arizona - it also was un-

marked, I don't see  
how it can be either  
"creata" or "pallida" on  
account of the color of  
the border. I shall  
have to ask you to  
return the specimens.  
You will be kind e-  
nough to tell me  
what you consider  
the difference between  
*B. luteo-viridis* and *B.*  
*argentea* to be, all  
I can find by searching  
English authors is the  
difference in the  
lower prongs.

Should I send  
anything that would  
interest you among  
ferns I shall send  
to you, but I hardly



I have been thinking of you  
 and wondering how you are getting on.  
 I hope you are well and happy.  
 I have been very busy lately  
 but I will write to you soon.  
 I love you very much.  
 Your affectionate friend,  
 John Doe

[illegible]



[illegible]











the new edition

Be 2<sup>nd</sup> edition. I have

received "C. elegans"  
from Mr. Stuck, but  
it is a long time  
since I have received  
any other new form.

With sincere thanks  
believe me

Respectfully Yours.

Wm. B. Stuck.

Ypsalide,  
Dec. 7<sup>th</sup> 1878.

Mr. Darwinport. I am  
mortified when I  
think of the time  
which has elapsed  
without our thank-  
ing you for the  
Pamphlet paper  
you so kindly sent  
me, and sending  
to you the specimens  
you desired of insects  
(Camptodromus).

Malaria must  
be my excuse for ana-  
my report - conningo.  
There is so much of

the time that I  
am good for nothing  
that when I am  
good for something  
the home duties there  
accumulated to such  
an extent that it  
seems as though they  
would never be accom-  
plished.

Mrs. Kirkbride's son  
told me of her call  
upon you, now  
should you see Mrs.  
Barnes you would  
have met the best of  
my botanical friends  
(of Syracuse I mean).  
Mrs. Barnes told me  
yesterday that you  
were (about Chubbins  
a catalogue of N. A. Ferns,

the price of which  
would be \$1.50 please  
send me one when  
these are out and find  
convenient in this the  
moment; it seems  
as though every one  
interested in plants  
would be only too  
glad to have a copy.

I shall send  
you some more  
some specimens of *Chubbins*  
to show, & also write  
at to find that I  
had so few of them, but  
I think that you  
will see that some  
of the others at the  
base are shown, and  
that was one reason  
why I thought that



My dear Mr. [unclear]  
[unclear] [unclear] [unclear]

I have been thinking of you  
very much lately and wondering  
how you are getting on. I hope  
you are well and happy. I have  
been very busy lately but I  
shall try to write you more  
often. I have been thinking of  
you very much lately and wondering  
how you are getting on. I hope  
you are well and happy. I have  
been very busy lately but I  
shall try to write you more  
often.

I have been thinking of you  
very much lately and wondering  
how you are getting on. I hope  
you are well and happy. I have  
been very busy lately but I  
shall try to write you more  
often.

Yours truly,  
[unclear]  
[unclear]

Please return me this  
one specimen as it  
is the best I have of  
"Phumula".

The Polybody from  
Oregon I send you I  
sent to Prof. Eaton who  
decided it to be "vulgaris".  
I suppose he is right,  
but it is very unlike  
any I ever saw, and I  
hoped for Mr. Konell's sake  
that it might prove to  
be "P. papillosum Blume". on  
account of the deeply im-  
mersed sori with cavity  
prominent on the upper  
side. Will you be kind  
enough to let me know  
what you think of it?

Respectfully yours.

Mary Davis Post.

Syracuse,  
Oct. 16<sup>th</sup> 1879.

Mr. Davenport. I am  
ashamed to think how  
long I have kept  
you waiting for a re-  
ply in regard to our  
Polybody, but I my-  
self have been waiting  
to receive Miss Williams',  
Mrs. Fairbanks' and Mrs.  
Barnes' verdicts, I have  
called on them not  
finding them at home  
and have sent several  
messages but as I hear  
nothing I shall wait  
no longer but let you  
know what Mrs. Gifford.



Mrs. Rogers and I decided about ours.

The specimens Mrs. Barnes gave me which you sent me as "*P. Plumula*" decided by your description, as was the one she gave Mrs. Gifford and the one of Mrs. Myers. Mrs. Myers received circletto from Capt. Smith a specimen marked "*Plumula*" which was "*pectinatum*" she received both species from Miss Reynolds marked rightly, as were mine from Miss Reynolds, but I do not think the gradual reduction of the lower segments so sure a means of identification, as the black vein in the "*pectinatum*" (until they fork) whereas in the *Plumula* the mid vein only is black

so far as I have seen. The specimens I send you today, with the other forms, Prof. P. *Plumula* has several forms or varieties from the same rootstock that are so different they shared I think they might easily be mistaken for two different species if thus now taken separately, and I am inclined to think that it is in this way that Prof. Eaton has obtained his intermediate form, certainly one of the forms had the lower segments as much reduced as though it were "*pectinatum*" otherwise having your distinguishing features of "*Plumula*", will you

those marked *A*  
*lanceolata* I think  
are *H. Iowensis*. After  
you determine them will  
you kindly return them  
to me and should you  
have any *Botrychium*  
*lanceolatum* (to spare  
would you enclose it  
with them?

I wish that  
you could be with us  
but not as a learner  
for I am sure we should  
all wish you for our  
teacher here. You here.

Hoping that  
you and O Yours are  
well. I am.

Respectfully yours,  
Mary Anne Rust.

I have recd.  
Dec. 17<sup>th</sup> 1840.

Mr. I have recd. I  
have been hoping  
for some time  
that I might see  
my way clear to  
join you all of my  
botanical correspondence  
cuts, but circumstances  
and continued ill  
health have sadly in-  
terfered with all  
of my plans for  
this winter thus far.

I feel under  
obligations to you as  
in fact add to very

many of our kind  
friends for the  
words of encourage-  
ment & praise they  
have sent the (Ara-  
cace Botanical Club,  
which thus far has  
certainly been a suc-  
cess; Just at present  
we are laboring under  
difficulties (as Mrs.

Myers is quarantined  
with her three younger  
children ill with  
Paratyphoid; but we  
trust soon to have  
her among us again.

Yesterday I  
called on Mrs. Barnes  
who has been ill  
several weeks with  
this miserable Malarial

fever. She feels  
very much discour-  
aged (as every one  
does when they have  
it hanging over them.

I suppose you  
would hardly feel that  
this letter (were from  
me did I not wish  
a favor, this time it  
is will you be kind  
enough to tell me  
what the ferns accom-  
panying this letter are,  
they were sent to me  
the ones in red paper  
as "*Aspidium fragrans*" &  
the others as "*C. lanuginosa*."  
I think those in the  
red paper to be one "*H.  
Sprengii*" the others possi-  
bly "*lanuginosa*", and

so soon as it  
is dry enough  
shall send it  
to you. I suppose  
your wanted bread  
specimens did not you.  
Mrs. Myers said you  
mashed it for study -  
our ferns are not  
very perfect this year  
they seem all badly  
eaten.

I trust that  
your strength is re-  
turning to you -  
it is so miserable  
to feel good - for no-  
thing I would rather  
be very ill myself.

Respectfully Yours,  
Mary Anna R. B.

Graciosa  
Aug. 7<sup>th</sup> 1880.

Mr. Davenport,

I have at last taken  
the time to look over  
my specimens that  
I am drying and  
have found the Bo-  
trychia that I hope  
are simplex.

I will send  
them to you and  
should they prove  
to be simplex will  
you kindly return  
them to me as  
Mr. Gotch has only  
found these two

from it.

Mrs. Myers and two other ladies drove out to Ballwinville (about fourteen miles, north west from here) with me last Thursday - we went in pursuit of *Orthoglossum* and had the pleasure of finding it - only a few fertile fronds to be sure but they grew in *Quondaga*.

We are devoting ourselves now to exploring those portions of the country we have never visited before - with some

very comical results - often finding no woods where we Guess there ought to be, but we have pleasant surprises, a variety and know where not to go again.

I have a little class for my younger daughters and a few of their friends this summer, and they already begin to feel quite well acquainted with *Filices*.

We have a large supply of both *Spidium Opuntiosum* and *S. Americanum* in press for you, and

from the Great Boar's  
Head, N. H. I in a  
mask-bowl. You who  
live in Boston have  
no idea how difficult  
it is to turn to studies  
or teach any natural  
science in a place  
like this, there is so  
little to be found in  
the libraries, no Nat.  
Hist. Museum, no large  
public or private collections  
of plants, no charts dia-  
grams etc. and but  
few of the wealthier citi-  
zens interested in any  
thing of the kind. I  
made no pretense  
at originality in my  
paper, it was all  
gleaned from books,

Yours  
Apr. 18~~th~~<sup>th</sup> 1880.

Mr. D. W. F. I  
trust you will  
excuse my not  
having answered  
your postal imme-  
diately on its receipt,  
but the truth is  
that I have been  
so driven with other  
work that all my  
botanical interests  
have suffered of late.  
I will enclose  
in this the letter of  
Miss Bathurst's relating  
to P. Calcareo - I suppose

she must have  
sent me something  
she considered that  
valuable, and probably  
I sent it to you,  
but I have none of  
it, and imagine  
that I did not keep  
it for it proved  
to be only *P. Dryopteris*.  
It is several years  
since I heard from  
Miss Batchcant, so of  
course know nothing  
of her present where-  
abouts.

My oldest daughter  
is to be married in  
June, so that I  
am quite busy pre-  
paring what she  
needs. Of course I trust

that it will be  
for her happiness  
to leave me but it  
does not make me  
gay to think of living  
without her; But I  
try to be grateful that  
there will in all pro-  
bability always be *Hy-  
racosaurus*, as Mr. Pierce  
is established in business  
with his father here.

Yesterday I read  
my paper, which was  
on "Plant Paleontology",  
to the "I. B. C." and  
it closes this season.  
I think you would  
have laughed at my  
miniature Atlantic Ocean,  
which was sea-needles I  
bought some ten years ago

but I had pressed  
specimens of all the  
living species I could  
get which were nearest  
those I read of in  
Geologic time, and  
showed a good many  
illustrations in books.

I heard that  
your eyes were troubling  
you I trust that  
by this time they are  
well again, and that  
your "Hand Book" is  
progressing I am  
impatient to get it.

Believe me

Respectfully Yours.

Mary Clara Rust.



fruit), *Chollera gramin-*  
*acea* (in bloom), *Juncus*  
*bulbosus*, *Martina pycnost-*  
*achya*, *Leptochloa fascicul-*  
*ata*, *Surfus maritimus*,  
*Triglochin maritimum*,  
*Astilbe hastata*, *Calicornia*  
*herbacea* and some *Algæ*  
but I only know  
that they are sea-weeds.

I trust  
that you may suc-  
ceed in getting more  
specimens of *B. boreale*,  
should be delighted  
could I procure a  
native one - I al-  
ready have a foreign  
one.

Yours Respectfully Yours,  
Mary Child Fair-

Grass,  
Aug. 23<sup>d</sup> 1880.

Mr. Davenport.

I was  
delighted to learn that  
we had at last  
found *B. simplex*,  
and wish that I  
had duplicates that  
I might give them  
to you but those  
two founds were all  
we could find and  
they you saw were  
old, so old that  
I trust they may  
have been known that  
were gathered and that

another year if we  
go earlier we may  
find more of it -  
when it will give  
me pleasure to remem-  
ber you.

I was glad  
that Mr. Brown  
should have had the  
good fortune to find  
*S. cheuoides* and have  
about given it up  
for Onondaga still  
it may appear some-  
time when we least  
anticipate it as  
most of our treasures  
have - Last week  
Prof. Dindley of Cornell  
made Mr. Myers a  
little visit when we  
passed the greater part

of four days in  
the woods, swamps  
and on the lake of  
Onondaga. While in  
a cranberry bog I  
picked up several  
sudden thinking  
then all *S. reticulifolia*  
on getting home I found  
that I had near *longi-*  
*folia* (the first time  
we had found it).  
Among the numerous  
treasures in and around  
the shores of Onondaga  
Lake (which is fresh  
but has our salt springs  
beneath it) we found  
*Potamogeton crispus* as  
well as many other *Potamo-*  
*getons*. *Ruppia maritima*  
(in flower), *Navis major* (in

I hope soon  
that our wanderers  
will return to us.  
for we miss them  
in every way and  
it gives those who  
stay at home a  
great deal of extra  
work to do.

Lately I have  
been suffering from  
repeated attacks of  
"Gall Stones" and feel  
good - for nothing,  
trusting that you  
are well and strong  
again. I am,

Yours gratefully,  
Mary Ann Rust.

Yra use  
Aug. 30<sup>th</sup> 1880.

Mr. Sargent. Please  
accept my thanks  
for the *Orthoterna*  
*uvia* and (I suppose)  
*A. Irix-Joënia* var.  
*laciniata* which you  
sent with my  
*B. simplex*.

Is the *Ortho-*  
*laena* from New  
Mexico?

I was intend-  
ing to send you  
a *Gymnogramme*  
*briffida* with root  
as I saw through  
the "Bulletin" that

you desired one  
and will do so  
now - it came  
with the package  
from Mrs. Harris and  
was collected near  
Camp Grant, Arizona.  
I am soon  
to receive *B. breale*  
from Alaska - that  
is my friend.

If you suppose  
I could possibly  
purchase a speci-  
men of *B. leucopoda*?  
I much desire one  
for our "Central Park"  
collection. Mrs. Young  
has never sent me  
anything and I  
suppose never will  
as she seemed very

much provoked  
that I should  
have written to her  
asking if she had  
sent, after waiting  
a year and receiving  
nothing in exchange  
for the sixty speci-  
mens I had previous-  
ly sent her. Of  
course I will not  
write to her again  
and know of no  
other way of getting  
that species.

Mrs. Barnes has  
written me several  
long letters from  
N.H. where she  
is enjoying herself  
very much, and  
seems in good health.

meadow gardens and  
snow like spring-  
beauties in bud. The  
young plants of *Ado-*  
*phium*, *Asplenium*  
& *Cystopteris* are well  
starting up making  
me feel that soon  
I can reach the  
woods though there  
is a good deal of  
snow to be seen  
on the surrounding  
hills.

Please make my  
philosophical to some  
Dante and believe  
me,

Respectfully Yours,

Wm. C. C. Post.

Prague,  
March 11th 1887.

Mr. Isaac Post,

I am sorry that you  
will not be able to  
see me in person. I  
will be glad to re-  
ceive your letter and  
knowing the re-  
ason I will be glad to  
send you a package of  
books when you receive this  
letter.

I had only  
got my daughter  
settled in her house  
when she was taken  
very alarmingly ill.  
I have not had her

her and as she  
grew better used  
to her day after day,  
hardly thinking at  
home at all, and  
when here have  
been so tired that  
I could not attend  
to any of my usual  
occupations.

I cannot be  
thankful enough that  
my daughter is recov-  
ing so rapidly, that  
she is shared to us.  
but it almost takes  
my breath away to  
think of what we  
have passed through  
in the past months.

I am sorry  
if the firm would  
have been of any use  
for some time in my

to give that - you  
did not sleep  
then longer you  
would have been  
very welcome to them.  
I find - that  
your eyes are strong  
again from my trial  
experience I have  
learned how hard  
it is to be constantly  
considering them.

I yesterday re-  
ceived a letter from  
Mr. Ruby who thinks  
he has found N. Gray.  
I hope he has and  
that he may find  
some new species  
during the summer.

I have had  
hepatitis in Boston  
for some time in my

Worcester,

Aug. 6<sup>th</sup> 1881.

Mr. Darnest,

We  
take five copies of  
the "Prince Advocate"  
in the "A.B.C." the  
editor sent no ex-  
tra copies but that  
was all right - as  
he knew that we  
should all see  
the section from  
your M.C. I am  
afraid you have  
a better opinion of  
us than we merit  
though a few of  
us do try hard  
to make the major-  
ity careful about -

superb treasures  
it is a day's huffi-  
culty to make all  
appreciate the beauty  
of remaining a  
locality, by all means.

After our ride  
made, we saw *Thalassia*,  
the *Chrysothrix* woods,  
as the thermometer  
stood at 70° when  
we started out you  
may imagine that  
we felt little or no  
discomfort for travelling.  
nevertheless we got  
numerous specimens  
of *Chrysothrix*, *Gobosaria*,  
*Sclerobolus* and *Pogon-  
ia* *regidula* for  
Mr. Still. As we  
found our *Betula* *chama*

significant in that  
vicinity last year I  
hoped to find but  
did not.

I hear that  
Mrs. Moore is soon  
to return from Can-  
ada on a *Chrysothrix*  
trip. She has  
been for several weeks  
having become very  
tired of it.

I hope that  
with brief travel  
eyes may get  
stronger, I am,

Respectfully Yours,

Mary Anna Hunt.



Tyrasuse.

Mar. 20<sup>th</sup> 1882.

Mr. Davenport. I send  
you by today's mail  
the best *H. angustifor-*  
*mis* I now have -  
I have never succeeded  
in getting any speci-  
mens so perfect but I  
think these are  
rather more runny  
than usual, they  
have been handled  
over so much as  
have all of my  
remaining form-  
ulated.  
I have collect-  
ed so little during

the past three  
years excepting *Phaceros*.  
game for the differ-  
ent members of the  
"S. B. C." that my  
supply of *Cryptosaurus*  
is about exhausted.  
Such as they are you  
are very welcome to  
them and I only  
wish they were finer.  
They were collected  
in rich woods, on  
the Amosville Road,  
Aug. 1880.

Have you any  
duplicates of the  
new *polydora* we  
has seen of me?

In greatest  
haste, Respectfully yours,  
Mary Anna Rust.

should he try to  
finish the work on  
which he and Professor  
James were connected  
he has quite all he  
can do.

Very Gratefully Yours,

Mary Anna Thwait.

Syracuse,

May 5<sup>th</sup> 1882.

Mr. Tarnport, I re-  
ceived the package  
you so kindly sent  
this morning. Please  
accept my sincere  
thanks for my por-  
tion of it. The rest  
I will see distributed  
in a day or two.

It seems to  
me that the sterile  
ground of the Ophioglos-  
sum is enough unlike  
our "vulgar" to at least  
make a rarity of it.  
It is so triangular  
orate in form, and all

I have seen your  
"Alaska have" seen of  
this same form.

Thus far I have  
been unable to join  
any of the expeditions.  
For the "I.B.C." to the  
Woods is a very rough  
rough climb to me  
and the "V. B. C." are  
like those of "Alaska". I  
believe they have found  
nothing new there  
for I do not so  
much regret my  
inability to join them.  
I have ridden just  
into the country a  
few times in a close  
carriage, with my  
children and we have  
collected arbutus, hepaticas,

primulae, ranunculus and  
blood-dots, so that I  
have not been entirely  
hopeless as to Spring.

So you know  
my active biologist.  
Now that Professor  
James is dead, who  
would probably be willing  
to identify *Robinsonia*? I  
wonder for me should  
I send them to him? I  
am to collect *Musci* for  
our herbarium this  
year and shall want  
to be sure of all my  
specimens before  
mounting them. I  
am not willing to  
call upon Mr. *Edwards*  
for he is too old, his  
eyes are too poor and

Lyons, N. Y.

May 21<sup>st</sup> 1882.

Mr. Sargent.

I am  
sorry to hear that  
you two are having  
a miserable cold. I  
have not yet ceased  
coughing but went  
yesterday for the  
first time this season  
on one of the "B.C.V."  
excursions.

We went to  
Baldwinsville in the  
cars taking an omnibus  
there and viewing the  
country in that vi-  
cinity. Among other  
places we visited a quacking

fool a *Sphagnum*  
terrestris! and found  
many rare plants but  
few even 'in bud'.  
We found plenty of  
painted *Willow*,  
fringed *Polygalas*, *Shad-*  
*blow*, *Willows* of all colors,  
spice-bush and sweet  
silk in bloom. Very few  
ferns have developed  
their fronds. As soon  
as I can I will collect  
*Botrychium gracile* for  
you. Our picnic most  
of the day was near  
Seneca River and it  
was a beautiful sight  
with its fresh meadows  
and wooded banks,  
the foliage of so many  
delicate and varied tints.

Mr. Myers and  
Mr. Lifford were  
of the party, both  
accommodated quite well  
and enjoyed it as  
much as I did.

Trusting that  
you may soon  
lose 'Lark' 'ough I  
am

Respectfully Yours,  
Mary Anna Trust.

same street with  
one but is no  
nearer me than before.  
I hear that Mrs. Shyers  
is about to take her  
family to Buffalo for  
the summer, but as  
her house is not  
sold she will lease  
it furnished and  
may return to it  
in the fall.

I will read your  
postal at the next meet-  
ing of the "I.B.C." and  
will then let you know  
how many of the "Supple-  
ments and Catalogues" we  
would like should they  
be published.

Respectfully Yours,  
Mary Eliza Post.

Traverse,  
May 5<sup>th</sup> 1883  
H. D. Greenleaf, Esq.  
I re-  
ceived your postal yes-  
terday, and should have  
sooner acknowledged  
the receipt of your  
letter and the copy  
of "Distribution Notes" (for  
which please accept  
my ths. W.) had it  
not been for another  
siege of nursing. Mr.  
Post seemed improv-  
ing rapidly, walking  
Post a little every  
day, when unfortunately  
he walked out one  
day and there was  
a sharp March (!) wind,

his friends were  
so glad to see him  
that they stopped  
him and talked to  
him in the street,  
he came in shelled  
and the consequence  
has been a severe at-  
tack of Bronchitis. The  
hoarseness has all gone  
now and he coughs  
but little so we again  
hope to have him out  
soon and that we  
may have no more  
March winds.

I was glad to  
hear that you were  
freed from your  
official duties and  
that you are at  
work on your special.

ty. My eyes have been  
troubling me very  
much of late, but I  
think it is lack of  
sleep and nervous anx-  
iety. I wish that you  
might have no further  
trouble with yours. It  
does seem that we all  
have trying experiences  
to endure as we grow  
older and that our  
own physical sufferings  
were the least of them.

Both Mrs. Sifford  
and Mrs. Barnes told  
me that they received  
copies of your "Notes".  
Mrs. Barnes has changed  
her residence, her address  
is "45 West Lenox St".  
You see she lives on the



Syracuse,  
July 7<sup>th</sup> 1883.

Mr. Davenport, I  
really appreciated Mr.  
Pringle's nameable  
and your kindness  
in sending it to  
me. The only reason  
I have not sooner  
acknowledged its  
receipt has been  
that another attack  
of Gall Stones has  
weakened me so  
that I am hardly  
able to sit up.  
Hoping that  
both Mr. Pringle  
and you may con-

time fortunate  
in your botanical  
pursuits I am  
Very Gratefully Yours.  
Mary Maria Post.

From Miss Nettie M. Sadler  
Syracuse, N.Y.

Letter of George E. Davenport

H

Medford, Mass.  
Feb. 11, 1884

Mrs. Rust,

I beg pardon for delay in replying to your letter but I have been turned aside from my correspondence and fern work by many interruptions. I was sorry to learn of your trials, I think you have more than a fair share of them in this life-- I trust that there will be ample compensation and rewards for you yet, not only in this life but in that better one beyond. I know but little about the Institute now not having been able to attend a meeting for several months. Mr. Warren Ucinnuil of Reading has been Cor. Sec. the rest time. I was in poor health last summer and went to Vermont in August, where I recuperated for two weeks on Mr. Pringle's farm. He had planned to take a photographic outfit with him on his next trip. I'm aiding him I became ver interested in it myself that it led me all away from my ferns for some time. Later my mother's sickness and death, an accident to my face affected my eyes, and for the first five weeks the sickness of one of my daughters with rheumatic fever prevented still longer my doing any botanical work. Now, however, I am hoping to get back again to my fern work which I not yet am ready to give up. I have just fitted Mr. Pringle out with a first class outfit and I expect he will leave for the southwest during the coming week. I hope for his best trip as I have been to prevail upon him to give it up altogether. He is too valuable a man--too precious tho' I know also how invaluable he is to science--to hazard his life in that way, when he can do equally or more valuable work in other directions. He is one of the truest men I have ever known--pure gold --refined and gentle as a woman in his manner, yet full of manliness. Such men as he are rare.

I was pleased to hear from Syracuse after so long a silence. I am glad the Club is still active. I trust it will still long continue to do much valuable work for Botanical Science, remember me kindly to all.

Very Truly Yours,  
George E. Davenport